

Amendments to the Claims:

The listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claims 1-17 Cancelled.

Claim 18 (currently amended) An apparatus In an all terrain vehicle (ATV) transmission, having a stock transmission shaft and a stock transmission case (as shown in one: **Figure 14A** at 17 "transfer cover" and **Figure 14C** at 2 "countershaft;" **Figure 15A** at 17 "transfer cover" and **Figure 15C** at 1 "countershaft;" **Figure 16A** at 17 "transfer cover" and **Figure 16C** at 1 "countershaft;" **Figure 17A** at 16 "transfer cover" and **Figure 17C** at 1 "countershaft;" **Figure 18A** at 16 "transfer cover 3402-256" and **Figure 18C** at 1 "countershaft 3446-277;" **Figure 19A** at 16 "transfer cover 3402-256" and **Figure 19C** at 1 "countershaft 3446-277;" **Figure 20A** at 16 "transfer cover 3402-256" and **Figure 20C** at 1 "countershaft 3446-277;" **Figure 21A** at 16 "transfer cover 3402-256" and **Figure 21C** at 1 "countershaft 3446-277;" **Figure 22A** at 16 "transfer cover 3402-256" and **Figure 22C** at 1 "countershaft 3446-277") and a stock sub-transmission shift plate, the improvement comprising:

~~an all terrain vehicle (ATV) transmission, having a transmission shaft and a transmission housing, wherein the transmission shaft is configured to facilitate coupling thereto and power is transferred from the ATV's engine to the transmission shaft without a belt, wherein at least part of the ATV transmission is located between the driver's legs when the driver is seated on the ATV; and~~

~~_____ a transmission shaft extension releaseably connectable with the transmission shaft,
the transmission housing having an opening through which the transmission shaft
extension can be accessed such that energy can be transferred to an external device,
without removing an auxiliary starter from the ATV's engine.~~

_____ a modified transmission shaft, wherein the stock transmission shaft is modified to
permit coupling thereto;

_____ a transmission shaft extension, the transmission shaft extension is releaseably
connectable with the modified transmission shaft;

_____ a modified transmission case, wherein the stock transmission case is modified by
providing a power takeoff point, which includes a hole through which the transmission shaft
extension can be accessed;

_____ a modified sub-transmission shift plate, wherein the stock sub-transmission shift
plate is modified by adding a neutral position, wherein the modified transmission shaft can
function as a power takeoff shaft when the modified sub-transmission shift plate is in the
neutral position, such that power can be transferred to an external device from the modified
transmission shaft and not to the wheels of the ATV, and power is transferred from the
ATV's engine to the modified transmission shaft without a belt.

Claim 19 (original) The apparatus of claim 18, wherein the external device is a power
takeoff unit.

Claim 20 (previously presented) The apparatus of claim 19, wherein the power takeoff unit
includes a hydraulic pump and the apparatus can generate at least three thousand (3,000)

pounds per square inch of hydraulic pressure with a volume flow of approximately ten (10) gallons per minute.

Claim 21 (currently amended) The apparatus of claim 18, further comprising:

~~— a sub-transmission shift plate, the sub-transmission shift plate containing a position to place the transmission in neutral such that power is not transferred to the wheels of the ATV when the sub-transmission shift plate is oriented in the position.~~ wherein the power takeoff point further includes a flange.

Claim 22 (currently amended) The apparatus of claim 24 18, wherein the neutral position is between a high gear position and a low gear position.

Claim 23 (currently amended) The apparatus of claim 24 18, wherein the neutral position is between a low gear position and a super low gear position.

Claim 24 (currently amended) The apparatus of claim 18, wherein the modified transmission case is manufactured with the addition of the hole ~~the ATV transmission is a transmission used in an Artic Cat 250 or an Artic Cat 300 ATV, up to and including model year 2004.~~

Claim 25 cancelled.

Claim 26 (currently amended) An apparatus, In an all terrain vehicle (ATV) transmission, having a stock transmission shaft and a stock transmission case (as shown in one: **Figure 14A** at 17 "transfer cover" and **Figure 14C** at 2 "countershaft;" **Figure 15A** at 17 "transfer cover" and **Figure 15C** at 1 "countershaft;" **Figure 16A** at 17 "transfer cover" and **Figure 16C** at 1 "countershaft;" **Figure 17A** at 16 "transfer cover" and **Figure 17C** at 1 "countershaft;" **Figure 18A** at 16 "transfer cover 3402-256" and **Figure 18C** at 1 "countershaft 3446-277;" **Figure 19A** at 16 "transfer cover 3402-256" and **Figure 19C** at 1 "countershaft 3446-277;" **Figure 20A** at 16 "transfer cover 3402-256" and **Figure 20C** at 1 "countershaft 3446-277;" **Figure 21A** at 16 "transfer cover 3402-256" and **Figure 21C** at 1 "countershaft 3446-277;" **Figure 22A** at 16 "transfer cover 3402-256" and **Figure 22C** at 1 "countershaft 3446-277") and a stock sub-transmission shift plate, the improvement comprising:

~~an all terrain vehicle (ATV) transmission, having a transmission shaft and a transmission housing, and power is transferred from the ATV's engine to the transmission shaft without a belt, wherein the transmission shaft is configured to facilitate coupling thereto, wherein at least part of the ATV transmission is located between the driver's legs when the driver is seated on the ATV; and~~

~~an opening in the transmission housing, through which the transmission shaft can be accessed such that energy can be transferred to an external device, without removing an auxiliary starter from the ATV's engine.~~

a modified transmission shaft, wherein the stock transmission shaft is modified to permit coupling thereto and is lengthened;

a modified transmission case, wherein the stock transmission case is modified by providing a power takeoff point, which includes a hole through which the modified transmission shaft can be accessed;

a modified sub-transmission shift plate, wherein the stock sub-transmission shift plate is modified by adding a neutral position, wherein the modified transmission shaft can function as a power takeoff shaft when the modified sub-transmission shift plate is in the neutral position, such that power can be transferred to an external device from the modified transmission shaft and not to the wheels of the ATV, and power is transferred from the ATV's engine to the modified transmission shaft without a belt.

Claim 27 (original) The apparatus of claim 26, wherein the external device is a power takeoff unit.

Claim 28 (currently amended) The apparatus of claim 26, wherein the neutral position is between a high gear position and a low gear position ~~ATV transmission is a transmission used in an Artic Cat 250 or an Artic Cat 300 ATV, up to and including model year 2004.~~

Claim 29 (currently amended) The apparatus of claim 26, wherein the neutral position is between a low gear position and a super low gear position ~~ATV transmission is a transmission used in a Suzuki LT F4WDX or a Suzuki LT F4WD ATV, up to and including model year 2004.~~

Claim 30-43 Canceled.

Claim 44 (Withdrawn-currently amended) A method for adapting an existing all terrain vehicle (ATV) transmission, having a stock transmission shaft and a stock transmission case (as shown in one: **Figure 14A** at 17 "transfer cover" and **Figure 14C** at 2 "countershaft," **Figure 15A** at 17 "transfer cover" and **Figure 15C** at 1 "countershaft," **Figure 16A** at 17 "transfer cover" and **Figure 16C** at 1 "countershaft," **Figure 17A** at 16 "transfer cover" and **Figure 17C** at 1 "countershaft," **Figure 18A** at 16 "transfer cover 3402-256" and **Figure 18C** at 1 "countershaft 3446-277;" **Figure 19A** at 16 "transfer cover 3402-256" and **Figure 19C** at 1 "countershaft 3446-277;" **Figure 20A** at 16 "transfer cover 3402-256" and **Figure 20C** at 1 "countershaft 3446-277;" **Figure 21A** at 16 "transfer cover 3402-256" and **Figure 21C** at 1 "countershaft 3446-277;" **Figure 22A** at 16 "transfer cover 3402-256" and **Figure 22C** at 1 "countershaft 3446-277") and a stock sub-transmission shift plate, the improvement comprising:

providing a hole through ~~within an existing ATV~~ the stock transmission case, wherein the hole is aligned with the ATV's stock transmission shaft, ~~and at least a part of the existing ATV transmission is disposed between a rider's feet when the rider is seated on the ATV;~~

lengthening the stock transmission shaft to make a modified transmission shaft,
wherein an end of the modified transmission shaft is coupleable thereto and can be
accessed from the hole; and

modifying the ~~existing ATV~~ stock sub-transmission shift plate to ~~provide~~ have a first neutral position between an existing high gear position and an existing low gear position for

~~the existing ATV transmission~~, wherein power is transferred to the ATV modified transmission shaft and not to the ATV's wheels when the ~~existing ATV transmission modified sub-transmission shift plate~~ is placed in the first neutral position, and power is transferred from the ATV's engine to the modified transmission shaft without using a belt, to transfer the power.

Claim 45 (Withdrawn-currently amended) The method of claim 44, wherein the power takeoff point further includes a flange ~~transmission case is a sub-transmission case.~~

Claim 46 cancelled.

Claim 47 (Withdrawn-currently amended) The method of claim 44, further comprising:
modifying the ~~existing ATV stock sub-transmission~~ shift plate to provide a second neutral position between an existing low gear position and an existing super-low gear position ~~of the ATV transmission~~, wherein power is delivered to the ~~existing ATV modified transmission shaft, and not to the ATV's wheels~~, when the ~~existing ATV modified sub-transmission shift plate~~ is placed in the second neutral position.

Claim 48 (Withdrawn-currently amended) The method of claim 44, wherein the ~~existing ATV transmission is a transmission used in an ATV before model year 2005 and the ATV is selected from the group consisting of an Artic Cat 250, an Artic Cat 300 ATV, a Suzuki LT-F4WDX, and a Suzuki LT-F4WD ATV.~~

Claim 49 (currently amended) An apparatus comprising:

an all terrain vehicle (ATV) transmission, having a transmission shaft and a transmission housing, where ~~and~~ power is transferred from the ATV's engine to the transmission shaft without a belt, wherein the transmission shaft is configured to facilitate coupling thereto, ~~wherein at least part of the ATV transmission is located between the driver's legs when the driver is seated on the ATV;~~

an opening in the transmission housing, through which the transmission shaft can be accessed such that energy can be transferred to a power take-off unit, ~~without removing an auxiliary starter from the ATV's engine;~~ and

a sub-transmission shift plate, the sub-transmission shift plate containing a first neutral position ~~and a second neutral position~~, wherein an angular position of a shift rod can be adjusted to place the sub-transmission in the first neutral position such that power is not transferred to the wheels of the ATV and the first neutral position is located between a high gear position and a low gear position ~~and the second neutral position is located between the low gear position and a super low gear position.~~ wherein the transmission shaft performs two distinct functions, the first function is to provide power to both the ATV's wheels and the power takeoff unit when the sub-transmission shift plate is not in the first neutral position and the second function is to only provide power to the power takeoff unit when the sub-transmission shift plate is in the first neutral position.

Claims 50 & 51 cancelled.